

## **AMENDMENTS TO THE CLAIMS**

### Claims Pending:

- At time of the Action: **Claims 1-4, 6-8, 10-36, and 38-48**
- Amended Claims: **Claims 1, 20, and 38**
- After this Response: **Claims 1-4, 6-8, 10-36, and 38-48**

The following listing of claims replaces all prior versions and listings of claims in the application.

1. **(Currently Amended)** A method of processing multiple types of security schemes, comprising:

receiving a message having a first token and a second token, wherein the first token ~~is in a first format~~ and the second token ~~is in a second format that is~~ are different from each other, the first format, while associated with a same subject;

extracting claims from one or more different types of security tokens corresponding to multiple security schemes, wherein a claim is a statement about a security token's subject that allows security schemes to be based on extracted claims;

authenticating the first token by extracting a first claim from the first token and authenticating the second token by extracting a second claim from the second token, wherein the first and second claims comprise different statements about the subject;

grouping the first and second claims into a claim collection by selectively mapping the first claim and the second claim to other claims; ~~and~~

determining a resource being accessed by extracting or obtaining resource identifiers from a message at run-time or examining a static configuration of a service;

authorizing access to ~~a~~ the resource referred to in the message based at least in part on the first and second claims ~~[[.]] ; and~~

supporting multiple security schemes for the method.

2. **(Original)** The method of claim 1, further comprising obtaining another claim from the token.

3. **(Original)** The method of claim 1, further comprising rejecting the message as a function of the first claim.

4. **(Original)** The method of claim 1, further comprising rejecting the message as a function of the second claim.

5. **(Cancelled)**

6. **(Original)** The method of claim 1, further comprising obtaining a resource identifier from the message.

7. **(Original)** The method of claim 6, wherein obtaining the resource from the message comprises applying an XPath expression.

8. **(Original)** The method of claim 6, wherein the resource identifier comprises a property of the message.

9. **(Cancelled)**

10. **(Previously Presented)** The method of claim 6, wherein the resource identifier comprises a property of the computing system's runtime environment.

11. **(Previously Presented)** The method of claim 6, wherein a resource corresponding to the resource identifier is stored by the computing system.

12. **(Original)** The method of claim 1, further comprising sending a return message to a sender of the message, wherein the return message includes information regarding the second claim.

13. **(Original)** The method of claim 12, wherein the information regarding the second claim comprises the second claim.

14. **(Original)** The method of claim 1, further comprising obtaining a third claim from the first claim.

15. **(Original)** The method of claim 1, further comprising obtaining a third claim from the second claim.

16. **(Original)** The method of claim 1, further comprising selectively rejecting the first claim.

17. **(Original)** The method of claim 1, wherein the token is received out-of-band from the message.

18. **(Previously Presented)** The method of claim 1, further comprising sending the message, the first token and the second token to another entity, wherein the second token includes information related to the second claim.

19. **(Cancelled)**

20. **(Currently Amended)** A system configured to process multiple types of security schemes, the system comprising:

one or more computer processors; and

one or more computer readable storage media, executable by the one or more computer processors, to store:

a first module to extract claims from one or more different types of security tokens corresponding to multiple security schemes, wherein a claim is a statement about a security token's subject that allows security schemes to be based on the extracted claims;

a the first module to extract a first claim from a first token and a second claim from a second token associated with a message, wherein the message has an associated subject and the first claim and the second claim comprise different statements related to the subject; ~~and~~

a second module to selectively map the first claim and the second claim to other claims[[.]] ;

the second module to determine a resource being accessed by extracting or obtaining resource identifiers from a message at run-time; and

the second module to authorize access to the resource referred to in the message based at least in part on the first and second claims.

21. **(Original)** The system of claim 20 further comprising a third module to determine as a function of the first claim whether the message is to be rejected.

22. **(Original)** The system of claim 20, further comprising a third module to determine as a function of the second claim whether the message is to be rejected.

23. **(Original)** The system of claim 20, further comprising a module to form a claim collection that includes the first and second claims.

24. **(Original)** The system of claim 20, further comprising a module to selectively obtain a resource identifier from the message.

25. **(Original)** The system of claim 24, wherein the module to obtain the resource identifier from the message is to selectively apply an XPath expression to obtain the resource identifier.

26. **(Original)** The system of claim 24, wherein the resource identifier comprises a property of the message.

27. **(Original)** The system of claim 20, further comprising a module to selectively obtain a resource identifier from a computing system in which the first and second modules reside.

28. **(Original)** The system of claim 27, wherein the resource identifier comprises a property of the computing system's runtime environment.

29. **(Original)** The method of claim 27, wherein a resource corresponding to the resource identifier is stored by the computing system.

30. **(Original)** The system of claim 20, further comprising a module to selectively send a return message to a sender of the message, wherein the return message includes information regarding the second claim.

31. **(Original)** The system of claim 30, wherein the information regarding the second claim comprises the second claim.

32. **(Original)** The system of claim 20, wherein the second module is to selectively obtain a third claim from the first claim.

33. **(Original)** The system of claim 20, wherein the second module is to selectively obtain a third claim from the second claim.

34. **(Original)** The system of claim 20, wherein the second module is to selectively reject the first claim.

35. **(Original)** The system of claim 20, wherein the first module is to receive the token out-of-band from the message.

36. **(Previously Presented)** The system of claim 20, further comprising a module to send the message, the first token and the second token to another entity, wherein the second token includes information related to the second claim.

37. **(Cancelled)**

38. **(Currently Amended)** A computer-readable storage medium storing computer-executable instructions that, executed by a processor, performs acts comprising:

receiving a message having a first token and a second token, wherein the first token ~~is in a first format~~ and the second token ~~is in a second format that is~~ are different from ~~each other, the first format, but~~ associated with a same subject;

extracting claims from one or more different types of security tokens corresponding to multiple security schemes, wherein a claim is a statement about a security token's subject that allows security schemes to be based on the extracted claims;

obtaining a first claim from the first token and a second claim from the second token, wherein the first and second claims comprise different statements about the subject; ~~and~~ selectively mapping the first claim and the second claim to other claims ~~[[.]]~~; and



authorizing access to a resource referred to in the message based at least in part on the first and second claims.

39. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising rejecting the message as a function of the first claim.

40. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising rejecting the message as a function of the second claim.

41. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising obtaining a resource identifier from the message.

42. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising obtaining a resource from a computing system reading the machine-readable medium.

43. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising sending a return message to a sender of the message, wherein the return message includes information regarding the second claim.

44. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising obtaining a third claim from the first claim.

45. **(Previously Presented)** The computer-readable storage medium of claim 44, further comprising rejecting the message as a function of the third claim.

46. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising obtaining a third claim from the second claim.

47. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising selectively rejecting the first claim.

48. **(Previously Presented)** The computer-readable storage medium of claim 38, further comprising sending the message, the first token and the second token to another entity, wherein the second token includes information related to the second claim.